

61-19768

Khatuntsev, V. V.
ABOUT THE POSSIBILITY OF STUDYING THE
MECHANISM OF BOTULINUS TOXICATION WITH
THE AID OF TETANUS TOXIN (O Vozmozhnosti
izucheniya Mekhanizma Botulinicheskoi Intoksikatsii
pri Pomoshchi Stibavachnogo Toksina). 20 Apr 61.
5p. Trans. V-1651.
Order from OTS or SLA 51.10

61-19768

Trans. of mono. Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 183-185.

DESCRIPTORS: *Botulin toxin; Tetanix, Tetanus
toxin.

When the hind paw of mice was injected with 1/2
M. L. D. (minimum lethal dose) of type A botulinus
toxin, paralysis of the leg and abdominal muscles on
(Biological Sciences--Toxicology, TT, v. 6, no. 12)
(over)

L. Khatuntsev, V. V.
IL Trans-V-1651

Office of Technical Services

61-19769

Khatuntsev, V. V.
ABOUT THE CORRELATION OF TOXIC AND
ANTIGENIC STIMULATION AFTER THE INJECTION
OF BOTULINUS TOXIN, TYPE C AND E (O Vzaimoot-
noshenii Toksicheskogo i Antigennogo Razdrazheniya
pri Vvedenii Botulinicheskogo Toksina Tipa C i E).
19 Apr 61, 3p. Trans. V-1682.
Order from OTS or SLA \$1.10

I. Khatuntsev, V. V.
II. Trans-V-1682

Trans. of memo. Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 186-187.

DESCRIPTORS: Botulism toxoid. Toxicity *Antigens

Mice were injected with large secondary doses of these
toxins. No immunity was developed for either toxin.
The summation of the toxic stimulation was slower for
type C than for type E. (See also 61-19768)
(Biological Sciences--Toxicology, TT, v. 6, no. 12)

Office of Technical Services

61-19770

Khatuntsev, V. V.
ABOUT COMPARATIVE STUDIES OF BOTULINUS
TOXIN OF THE FOUR TYPES: A, B, C, AND E,
REPT. 1 (O. Savytchenko izuchenii Botulinicheskogo
Toksin Chetyrekh Tipov: A, B, C, and E, Soobsh-
chenie 1). 19 Apr 61, 3p. Trans. V-1683.
Order from OTS or SLA \$1.10

61-19770

Trans. of mon. Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 188-189.

DESCRIPTORS: *Botulism toxoid, Toxicity.

Mice were injected with each of the four strains of
botulinus toxin to establish their differences. The
incubation period was shortest for the E type. Dura-
tion of the action was 2 or 3 days for the E-type,
6 days for the B-type, still longer for type C, and about
(Biological Sciences--Toxicology, TT, v. 6, no. 12)
(over)

L. Khatuntsev, V. V.
IL Trans-V-1683

Office of Technical Services

61-19771

Khatuntsev, V. V.
ABOUT COMPARATIVE STUDIES OF BOTULINUS
TOXIN OF THE FOUR TYPES: A, B, C, AND E,
REPT. 2 (O Srazhennom Izuhenii Botulinicheskogo
Toksina Chetyrekh Tipov: A, B, C i E; Soobshchenie
II). 20 Apr 61, 3p. Trans. V-1684.
Order from OTS or SLA \$1.10

61-19771

Trans. 14 month. Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 190-191.

DESCRIPTORS: Botulism toxin, Toxicity

Mice were injected with secondary doses of 1/5 to
1/25 M.L.D. (minimum lethal dose) of the 4 types of
botulinus toxin. Type B produced the severest
general reactions with no local reactions at site of in-
jection. Death occurred within 4 to 15 days. Type E
(Biological Sciences--Toxicology, TT, v. 6, no. 12)
(over)

L. Khatuntsev, V. V.
IL Trans-V-1684

Office of Technical Services

61-19772

Khatutsev, V. V.
ADDITION TO THE QUESTION ABOUT "CHRONIC"
BOTULISM (K Voprosu o "Khronicheskoi" Bozulizme)
20 Apr 61, 3p. Trans. V-1685.
Order from OTS or SLA \$1.10

I. Khatutsev, V. V.
IL Trans-V-1685

61-19772

Trans. of mono: Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 192-193.

DESCRIPTORS: "Botulism, Toxicity.

A "chronic" botulism poisoning was induced in mice
by daily injections into one of the lateral abdominal
walls of 1/5 to 1/10 minimum lethal doses of type C
toxin. The muscles of the abdomen, thigh and paw on
the side of the injection became weak, atrophied with
contracture of the paw. It is concluded that the toxin
acts on the tissues locally and not through the blood
stream. The spasmodic character of the lesions indi-
(Biological Sciences--Toxicology, TT, v. 6, no. 12)
(over)

Office of Technical Services

61-19773

Yagud, S. L.

CORRELATION BETWEEN THE IMMUNOLOGICAL
AND ALLERGIC REACTIVENESS IN ANIMALS IN
EXPERIMENTAL INFECTION (Sootnoshenie Mezhu
Immunologicheskoi i Allergicheskoi Reaktivnost'yu u
Zhivotnykh pri Eksperimental'noi Infektsii).

20 Apr 61, 6p. Trans. V-1686.

Order from OTS or SLA \$1.10

61-19773

Trans. of mono. Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 194-196.

DESCRIPTORS: *Antigens, *Immunology, Amoebic
dysentery, *Allergy, Toxicity, Sensitization,
Bacterial vaccines.

One group of cats was infected with dysentery by 5
daily oral inoculations. A second group received the
same inoculation in one dose. A third group was
(Biological Sciences--Pathology, TT, v. 7, no. 3) (over)

I. Yagud, S. L.
II. Trans-V-1686

Office of Technical Services

Morgunov, L. N., Zatul, D. G. and others.
TAGGING OF DIPHTHERIAL TOXINS BY MEANS OF
RADIOACTIVE SUBSTANCES (ISOTOPES) (Moshente
Differentsiya Toksina Radioktivnymi Veshchestvami
(Izotopami). 12 June 61, Sp. Trans. V-1706.
Order from OTS or SLA \$1.10 61-28128

Trans. of mem. Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 229-231.

DESCRIPTORS: *Diphtheria, *Bacterial toxins,
*Radioactive isotopes, Isotopes, Phosphorus.

An attempt was made to tag diphtheria toxin by means
of radioactive phosphorus P^{32} . The diphtherial toxin
of the Park-Williams strain No. 8 was grown in a
0.2% glucose solution of Martin's bouillon. The
isotope was added to the nutrient media before the
(Biological Sciences--Toxicology, TT, v. 6, no. 12)
(over)

61-28128

I. Morgunov, L. N.
II. Zatul, D. G.
III. Trans-V-1706

Office of Technical Services

Free Thermal Convection Near the Linear Source
of Heat, by A. S. Asatryan, B. A. Tonkoshkurov, 13 pp.
RUSSIAN, per, Nauch Issled Inst po Trans i Khraneniye
Nefti i Gazite Nii Ransneft "Transport i Khraneniye
Nefti i Gaza", No 1, 1961, pp 29-41. 9695933
FTD-TT-64-760

Sci - Engr
Feb 65

274,069

Production of Synthetic Fatty Acids, by
B. S. Zilayev, A. K. Man'kovskaya, et al. 128 pp
RUSSIAN, bk, Nauchno-Issledovatel'skiy Institut
Proizvodstvo Sinteticheskikh Zhirnykh Kislot,
1969, pp 1-123.
AIR/IND/IR-23-834-68

sci/ materials
sep oct 69

393,121

Ref. 9340

State Scientific Research Chemical Institute
of High Pressures (GIVD)

"Nauchno-Issledovatel'skiye Instituty Tyazheloy
Promyshlennosti", pp 95-104 (FDD 515040)

U-1399

SR-22/16

Nauchno-Issledovatel'skiye Instituty
 Yuzhelay Prom (Sci-Res Inst. of Heavy Indus.)
 9215

V-1354

V-1353

V-1355

L-1359

[see 64-222 for proj #]

FDD# 575040

Method of Estimating the Numbers of Ground Insect
Fauna, by O. Fedosinov.
~~SECRET~~, part, Nauch. Issled. Inst. Zash. Prirod. Nauk.
Akad. Sci. SSSR, Vol. 6, 1961, pp. 68-77.
OSIRO/No. 0022

Sci -
July 1967

504-504

(NY-4075).

Bibliography on Labor and Wages, 60 pp.

RUSSIAN, bk, Nauchno-Issledovatel'skiy Institut,
Voprosy Truda No 1, 1958, pp 208-244.

JPRS 5300

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Soy 60

125,096

Soy 00

Synthesis of 2,4,6-tri-alkyl and 2,4,6-Tri-Aryl-1,3,5-Tri-
Azines From ~~XX~~ Imino Esters, by E. L. Zaitsev,
G. I. Eraz, et al.

RUSSIAN, per, Nauch-Issled Raboty Chlenov Vses
Khim Obshch imeni D. I. Mendeleeva, Vol VII,
No 2, 1962, pp 229, 230.

*AEC

Sci - Chem
Oct 62

Research Into Means of Increasing the Safety
Properties of Light Alloys Used For Making
Enclosures for Electrical Mining Equipment, by
E. G. Kocherzha.

RUSSIAN, per, Nauchno-Issled. Raboty MakhNIL za,
1959-1960, pp 99-103.

INDL N 3933

Sol - Bagr
Mfr 63

~~SECRET~~
224,272

61-19589

SCIENTIFIC CONFERENCE ON THE PHARMACOL-
OGY AND CLINICAL USE OF TRANQUILLIZERS,
29 Sep -1 Oct 1960, Leningrad. SUMMARY OF
PAPERS. Apr 61 (33)p. RTS 1769.
Order from OTS or SLA \$3.60

61-19589

Trans. of Nauchnaya Konferentsiya Porvashchennaya
Farmakologii i Klinicheskoyu Prikladnoy
Trankvillizatsiy, Leningrad, 29 Sep-1 Oct 60. Tezisy
Dokladov, 29p.

DESCRIPTORS: *Tranquillizing drugs, *Pharmacology,
Physiology, Brain, Therapy.

Contents:

Sleep treatment in psychiatric illnesses using antifeine
as a sedative, and as a potentiator of other hypnotics,
by L. P. Alajovskaya and O. M. Turkevich
The use of combinations of neuroleptic and other drugs
(Biological Sciences--Pharmacology, IT, v. 6, no. 3)
(over)

- I. RTS-1769
- II. Department of Scientific and
Industrial Research
(Gt. Brit.)

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Office of Technical Services

Role of Copper Fertilizer in the Utilization of
Drained Peat Soils for Agriculture in Ukrainian
SSR, by N. A. Tiulenev, 2 pp.

RUSSIAN, bk, Nauch Konf po Prob Ispol' zovaniya
Mestnykh Istochnikov Udobr SSSR, 1951, pp 159-
161.

SIA Tr R-119

Sci - Biol
Apr 1957

Jan 1957
46,228

The Problem of the Stability Analysis of
Complex Frameworks by the Resolution Into
Simple Equistable Systems, by G. V. Vorontsov.

RUSSIAN, per, Nauch Novosibirsk Politekhn In-ta,
Vol XXVI, 1955, pp 112-119.

TIL Tr 4884

65,336

Sci - Electronics
Jun 58

Russian Experience in Field-Protecting Afforestation,
by V. F. Timofeyev, 44 pp.

RUSSIAN, par. Nauch Osnovy Poleznanchnogo Primeneniya
Lesokorvedeniya, Sbornik Ak. Nauk BSSR, No 1, 1951,
pp 5-37. 9077921

1
OTS 62-11428
PL-480

Sci - Biol
Jul 61
PST No. 181

159, 612

The Growth of Antlerosional Forest
Plantings in the Central Forest-Steppe
and Their Influence on Crops, by A. P.
Shaposhnikov, 10 pp.

RUSSEAN, per, Nauch Otkhodit VRIALMI
za 1941-1942, pp 82-90. 9097164

OTS 60-51007
PL-480

Sci - Biol
Apr 62

189,374

Creep and Carrying Capacity of Shells, by
I. I. Holdenblat, N. A. Nikolayenko, 53 pp.
RUSSIAN, rpt, Nauchnoye Soobshchenye Ak
Stroitelstva i Arkhitektury SSSR, No 13, 1960, pp 1-60.
9692081
DDC RSIC-132

Sci - Phys
Apr 64

253,313

The Effect of Calcium Sulphate on the
Formation of Portland Cement Clinker,
by P. P. Budnikov and J. P. Kuznetsova.
RUSSIAN, per, Nauchn. Soobshch Gos. Vses.
N. I. Inst. Tsem. Prom. Nauchn. Soobshch,
1961, No 12, pp 1-7.
NLI 5196 1963 (1192) (On loan)

Aug 65

286,940

Agency: Bureau of Mines/ Interior
P.O. No. 93190020

R-10059-D

Title: Effect of energy structure on the hydrophobic properties of the surface of sulfide minerals.

Author: D. S. Shafarev

Source: Nauchn. Soudobeshi. Inst. Geom. Data in. A.N. SSSR
Leningrad, v. 10, 86-89 (1963)

Language: Russian

Special Instructions: Please translate into English. Copy of original attached.

DC

Agency: Interior/Min. of Mines
P.O. No. 13190020

R-10058-D

Title: Investigation of the interaction of sulfide mineral surface with xanthate with the help of electrode potential measurement.

Author: I. E. Plukhin and L. M. Solov'eva.

Source: Nauchn. Sbornik. Inst. Geol. Dela, Akad. Nauk SSSR
v. 10, 3-13 (1962)

Language: Russian

Special instructions: Please translate into English. Copy of original attached.

SF

Agency: Interior/Min. of Mines

R-10060-D

P.O. No. P21904B

Title: Effect of surface electrochemical processes on the distribution of molybdate on the surface of sulfide minerals.

Author: Shafey, M. M.

Source: Khark. Gosbakh., Inst. Chem. Sci., Akad. Nauk USSR, v. 19, 21-8 (1968)

Language: Russian

Special Instructions: Please translate into English. Copy of article attached.

DC

TT-64-14299

Ivanov, F. M. and Royak, G. C.
EFFECT OF CURING TEMPERATURE ON THE EX-
PANSION OF PORTLAND CEMENT MORTAR WITH
DIFFERENT CONTENTS OF GYPSUM ADMIXTURE.
[1963] 9p
Order from OTS, SLA, or ETC \$1.10 TT-64-14299

Trans. of [Gosudarstvennyi] Vses[oyuznyi] Nauchn[o]-
Issled[ovatel'skii] Inst[itut] Tsement[noi] Prom[yshlen-
nosti]. Nauch[nye] Soobshch[eniya] (USSR) [1961]
no. 12[143] p. 30-35.

DESCRIPTORS: *Cements, *Mortar, *Aging (Mate-
rials), Temperature, *Gypsum, Hardening,
Deformation,

(Materials, TT, v. 11, no. 9)

1. Title: Clinker
I. Ivanov, F. M.
II. Royak, G. C.

Office of Technical Services

Actinometry, Atmospheric Optics and
Nuclear Meteorology, selected articles,
by N. N. Gorokhovskaya, et al.
RUSSIAN, per, Nauchn. Soobshch. Tr. Konferentsii,
In-ta Geol i Geogr, Akad Nauk LitSSR, 1962,
Vol 13.
NLI 6015.49 1964 (150) (On Loan)

Aug 65

287,155

Scientific and Technical Progress in Ferrous
Metallurgy, by N. Dubrov, V. Levitin, 4 pp.

RUSSIAN, per, Nauchno-Tekhnicheskiye, Sept 1962,
pp 17-18.

JPRS 16212

USSR
Econ
Nov 62

Parasitic Diseases of Young Pacific Salmon
in Fish Hatcheries of the Far East, by
E. A. Bogdanova.

RUSSIAN, per, Nauchno-Tekhnicheskii Biulleten
Gosnarkh, No 11, 1960, pp 49-52. 7215503

Dept of Interior
QH301 C273 No 391

Sci-Biol

Sep 68

344,013

Seasonal and Long Term Changes of the
Temperature and Salinity of the Waters of
the Cold Bear, by R. N. Sarynina.
RUSSIAN, per, Nauchn. Tekhn. Byull. PIMRO,
1960, Vol 12, No 2, pp 14-18. (On Loan)
NLL 9022.56 1964 (25)

Aug 65

286,485

Short Account of the Voyage of BART "Nekrasov"
Devoted to Experiments on High-Speed Trawling,
by V. M. Maevskii.
RUSSIAN, per, Nauch.-tech.byull.PINRO, Vols 16-17,
1961, pp 68-71.
NLL Ref: 9022.15 (1206)

Sci/Mat
Feb 68

749,619

The Hydroacoustic Method of the Quantitative
Estimate of Fish Numbers in Diffuse Formations,
by M. N. Shcherbino.
RUSSIAN, par, Nauch.-tekhn. byull. PINRO, Vols 16-17,
1961, pp 76-78.
NLL Ref: 9022.15 (1209)

Sci/Mat
Feb 68

349,621

The Cut of the Net in the Surface of Rotation,
by N. I. Alekseev.
RUSSIAN, per, Nauch-tekhn byull PINRO, Vol 4,
No 18, 1961, pp 40-42.
NLL Ref: 9022.15 (1214)

Sci/Mat
Feb 68

349,616

S-1200/63

Perspectives of Native Herring Fishery in the Seas
of the North Atlantic, by I. G. Yudanov.
(DC-10202)

RUSSIAN, per, Nauch-Tekh Byul PINRO, No 1 (19),
1962, pp 13-15.

*JPRS

Sci - Biol & Med Sci
Jan 64

Spawning Migration of Humpback Salmon In 1961, by V. V. Azbelev,
5 pp.

RUSSIAN, per, Nauch Tekh Byull PINRO, No 1 (19), 1962, pp 16-18.

JPRS 225982

Sci-Biol & Med
Jan 64

248, 007

S-1200/63

Results of the Natural Spawning of Humpback Salmon in the
Rivers of the Kola Peninsula in 1961, by V. V. Azbelev,
I. N. Grinyuk, (DC-10202).

RUSSIAN, per, Nauch-Tekhn Byul PINRO, No 4 (22),
1962, pp 24-25.

*JPRS

Sci-Biol & Med Sci
Jan 64

S-1200/63

Survival Rate of Humpback Salmon in the Period of
Embryological Development, by V. I. Yefinov, (DC-10202)

RUSSIAN, per, Nauch-Tekh Byul PINRO, No 4 (22),
1962, pp 25-56.

*JPRS

Sci-Biol & Med Sci

Jan 64

A Method of Prediction of the Water
Temperature of the Barents Sea for Cold
Seasons, by A. A. Lebedev and V. T.

Zheznovaty.

RUSSIAN, per, Nauchn. Tekhn. Byull. PINRO,
1962, Vol. 4, No. 22, pp 29-30.

NIL 9022.56 1964 (24) (On Leon)

Aug 65

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Supplies of Laminarian Seaweed Around Kil'din Island, by
Ye. I. Blinova, 5 pp.

RUSSIAN, per, Nauch Tekh Byull PINRO, NO 4, 1962, pp 36-38.

JPRS 22982

Sci-Biol & Med
Jan 64

248, 008

S-1200/63

Humpback Salmon in a Lake, by B. L. Bakshtanskiy,
(DC-10202)

RUSSIAN, per, Nauch- Tekh Byul FINRO, no 4 (22),
1962, pp 46-47.

*JPRS

Sci- Biol & Med Sci
Jan 64

S-1200/63

Reasons for the Mass Deaths of Salmon in the Varzug
River in 1960, by M. G. Livshits, (DC-10202)

RUSSIAN, per, Nauch-Tekhn Byul PINRO, No 4, (22),
1962, pp 47-48.

*JPRS

Sci-Biol & Med Sci
Jan 64

Changes in the Geographical Distribution of the
Fisheries and the Expected Effects of Regulation,
by N. A. Maslov.

RUSSIAN, per, Nauchno-Tekhnicheskii Byulleten,
Polymernyy Nauchno-Issled Inst Morskogo Rybnogo
Khoz i Okean, No 1(15), 1961.

*Ministry of Agriculture

Sci - Biol/Med Sci
Mar 64

The Fisheries Characteristics of the West Spitsbergen
Region, by T. S. Berger.
RUSSIAN, per, Nauchno-Tekhnicheskii Byulleten,
Polynarnyy Nauchno-Issled Inst Morskogo Rybnogo
Khoz i Okean, No 1(15), 1961.
*Ministry of Agriculture

Sci - Biol/Med Sci
Mar 64

The Fishery Characteristics of the
West Spitsbergen Area, by T. S.

Berger.

RUSSIAN, per, Nauchno Tekhn.
Byull. PINRO, 1961, Vol I, No XV,
pp 45-49.

NLL 9022.56 1963 (35) (On Loan)

USSR
Aug 65

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The Preparation of a Permutational
Index by the Help of the Alphabetic
Punch Calculator. The First Results
of the Experiment of 17 Titles, by
A. I. Chernyi.

RUSSIAN, per, Nauchno-Tekhnicheskaya
Informatsiya, No 4, 1964, pp 20-29.
NTC 72-10218-05B

Apr 72

Composition and Use of the Keyword-in-
Context Indexes, by G. E. Vleduts.
RUSSIAN, per, Nauchno-Tekhnicheskaya
Informatsiya, No 4, 1964, pp 30-35.
NTC 72-10007-05B

Apr 72

Information Retrieval Based on Meaning
Codes, by L. E. Pshenichnaya.
RUSSIAN, per, Nauchno-Tekhnicheskaya
Informatsiya, No 6, 1964, pp 25-26.
NTC 72-10224-05B

Apr 72

A Study of Inquiries for the Reference
Information for the Scientific Research
and Design, by D. P. Malyarenko.

RUSSIAN, per, Nauchno-Tekhnicheskaya
Informatsiya, No 9, 1964, pp 3-7.
NTC 72-10225-05B

Apr 72

Meeting, Dedicated to the Formation and
Prospectives of Development of the
Information Service in Chemical and
Petroleum Industries, by V. I. Vtyurin.
RUSSIAN, per, Nauchno-Tekhnicheskaya
Informatsiya, No 11, 1964, pp 22-23.
NTC 72-10006-05B

Apr 72

Biology -- The Science of Life, 250 pp.

RUSSIAN, bk, Nauka i Zhizn' Spetsial'nyy Nomer
o Zhivoy Prirode, No 4, Moscow, 1962,
pp 1-112.

JPRS 16270

Sci - Biol

Nov 62

217,394

J-1409/66

Poisonous Ideology of the Baptists, by V. I. Golubovich
(NY-13178).

UKRAINIAN, per, Nauka i Zhittya, No 1, Kiev, January
1959, pp 50-53.

*JPRS

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Poisonous Ideology of the Baptists, by V. I.
Golubovych, 6 pp.
UKRAINIAN, per, Nauka i Zhittya, No 1, Jan
1959, pp. 50-53.
JPRS 34775

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Apr 66

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(NY-3622).

Artificial Satellites of Mars?, by V. I.
Cherednychenko, 3 pp.

UKRAINIAN, per, Nauka i Zhyttia, No 11, Kiev,
1959, p 8.

JPRS 2449

Sol - Astron
Apr 60

112, 627